

8100 PROCEDURE 329

Resource Ordering – Remote Sensing / Infrared

(No.57 June 2015)

[\(See HB 7700 Exhibit – Remote Sensing / Infrared Resources\)](#)

Data provided by remote sensing and infrared assets provide fire perimeter and thermal imaging information used by incident Geographic Information System Specialist (GISS) staff and Geographic Area Coordination Center (GACC) intelligence functions.

Remote sensing and infrared resources available to CAL FIRE include, but are not limited to: National Infrared Operations (NIROPS), USFS FireWatch Program, California National Guard resources, USGS Satellite Imagery, and private vendors.

For ordering of California National Guard resources [see HB 8100p390 – Resource Ordering – California National Guard – CNA.](#)

For USGS Satellite Imagery see [HB 7700 Exhibit – Remote Sensing / Infrared Resources.](#)

Each resource is specific to the use criteria and the ordering process as described herein. Further explanation of resource capability can be found in Exhibit 7700 – Remote Sensing/Infrared Resources.

NIROPS

USFS fixed wing aircraft that are used to provide infrared imagery to incidents. Thermal infrared line scanner technology provides fire detection, heat detection, and fire perimeter mapping for incident use. Products may be delivered as GIS shapefiles, imagery, fire perimeter and heat area maps.

Responsibilities and Action

ECC

1. Receive request for a remote sensing infrared flight.
2. Generate a request for “Service - Infrared Flight” in the resource ordering system of record.
3. Place the request to the Region OCC no later than 1345 hours on the day needed. New requests must be submitted each day for multiple day incidents.
 - a. An Infrared Interpreter (IRIN) must be identified for the request to be approved by National Interagency Coordination Center (NICC). An IRIN may work from a remote location.

4. Complete the Infrared Scanner Flight Request Form on the GACC home page under the Logistics/Dispatch tab (<http://nirops.fs.fed.us/rcr/scanner/>). For account and password information contact the Region OCC.

Region OCC

1. Receive request for the infrared flight.
2. Place the request to NICC.
3. Advise the Unit regarding the fill/UTF information,
4. Fax the flight plan received from NICC to the requesting ECC.

USFS FireWatch

USFS rotary wing aircraft that are used to provide infrared imagery to incidents. Thermal infrared line scanner technology provides fire detection, heat detection, and fire perimeter mapping for incident use. Products may be delivered as GIS shapefiles or live video feed.

Responsibilities and Action

ECC

1. Receive request for a remote sensing flight for the USFS FireWatch Helicopter.
2. Generate a request for "Fixed Wing, Infrared" special needs "FireWatch" in the Resource Ordering System of Record.
3. Place the request to the Region OCC.

Region OCC

1. Receive the request.
2. Fill the request in the Resource Ordering System of Record.
3. Advise the Unit regarding the fill/UTF information.

[\(see next Procedure\)](#)

[\(see Handbook Table of Contents\)](#)

[\(see Forms or Form Samples\)](#)